

Title (en)

DOUBLE INJECTION DEVICE FOR A PILOT LIGHT FOR GAS INSTALLATIONS

Publication

**EP 0213021 B1 19890510 (FR)**

Application

**EP 86401660 A 19860724**

Priority

FR 8511382 A 19850725

Abstract (en)

[origin: EP0213021A1] 1. Double injection device for a pilot light of a gas appliance such as a bath heater or boilers comprising a control mechanism and gas intake permitting the opening of a by-pass duct for rapidly blowing off the air which it contains and comprising a gas supply duct for this pilot light with a main injector corresponding to the gas used, the end of the by-pass duct being slanted with respect to the axis of the feed duct of the main injector, characterized by the fact that the end of the by-pass duct is provided with an additional injector (5) whose orifice (8) is of a larger diameter than that of the main injector (3), and by the fact that the two injectors (3) and (5) are covered by the same mixer (9) which becomes cylindrical substantially downstream of the point of convergence (B) of the axis of the two ducts (2) and (4), and being connected to the pilot light tube (6).

IPC 1-7

**F23D 14/64**; **F23Q 9/00**

IPC 8 full level

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CPC (source: EP)

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Cited by

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**EP 0213021 A1 19870304**; **EP 0213021 B1 19890510**; DE 213021 T1 19870903; DE 3663295 D1 19890615; FR 2585452 A1 19870130; FR 2585452 B1 19890203

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